

PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	10/008,152
Filing Date	December 4, 2001
First Named Inventor	Nelken
Art Unit	2121
Examiner Name	<del>Davis</del>
Attorney Docket Number	PA2325US

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
G.D.		US- 6,411,947	06-25-2002	Rice et al.	
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner  
Signature

George Davis

Date  
Considered

5/29/05

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 3

### Complete if Known

Application Number	10/008,152
Filing Date	December 4, 2001
First Named Inventor	Neiken
Art Unit	2121
Examiner Name	<del>Davis</del>
Attorney Docket Number	PA2325US

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		Number-Kind Code <sup>2</sup> (if known)			
C.D.		US- 5,040,141	08-13-1991	Yazima et al.	RECEIVED JAN 26 2005 Technology Center 2100
C.D.		US- 5,265,033	11-23-1993	Vajk et al.	
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C.D.		US- 6,442,589	08-27-2002	Takahashi et al.	
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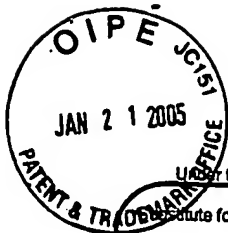
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Examiner Signature	<u>George Davis</u>	Date Considered	<u>5/29/05</u>
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		Filing Date	December 4, 2001		
		First Named Inventor	Nelken		
		Art Unit	2121		
		Examiner Name	<del>Davis</del>		
Sheet	2	of	3	Attorney Docket Number	PA2325US

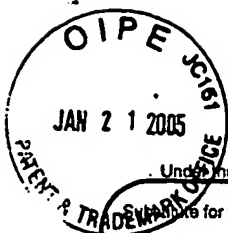
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Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
G.D		BREESE et al, "Empirical Analysis of Predictive Algorithms for Collaborative Filtering," Proc. of the 14th Conf. on Uncertainty in Artificial Intelligence, July 1998.	
G.D		CZERWINSKI et al, "Visualizing Implicit Queries for Information Management and Retrieval," Proc. of CHI 1999; ACM SIGCHI Conf. on Human Factors in Computing Systems, 1999.	
G.D		DUMAIS et al., "Inductive Learning Algorithms and Representations for Task Categorization," Proc. of 7th Intl. Conf. on Information & Knowledge Management, 1998.	
G.D		HORVITZ, "Principles of Mixed-Initiative User Interfaces," Proc. of CHI 1999; ACM SIGCHI Conf. on Human Factors in Computing Systems, 1999.	
G.D		HORVITZ et al., "Display of Information for Time-Critical Decision Making," Proc. of the 11th Conf. on Uncertainty in Artificial Intelligence, July 1995.	
G.D		HORVITZ et al., "The Lumiere Project: Bayesian User Modeling . . .," Proc. of the 14th Conf. on Uncertainty in Artificial Intelligence, July 1998.	
G.D		HORVITZ et al., "Time-Dependent Utility and Action Under Uncertainty," Proc. of the 7th Conf. on Uncertainty in Artificial Intelligence, July 1991.	
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G.D		KOLLER et al., "Toward Optimal Feature Selection," Proc. of 13th Conf. on Machine Learning, 1996.	
G.D		LIEBERMAN, "Letizia: An Agent That Assists in Web Browsing," Proc. of International Joint Conference on Artificial Intelligence, 1995.	

Examiner Signature	George Davis	Date Considered	5/29/05
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		Examiner Name	Davis		
Sheet	3	of	3	Attorney Docket Number	PA2325US

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
C-D		PLATT, "Fast Training of Support Vector Machines Using Sequential Minimal Optimization," Advances in Kernel Methods: Support Vector Learning, MIT Press, Cambridge, MA, 1999.	
C-D		PLATT, "Probabilistic Outputs for Support Vector Machines & Comparisons to Regularized Likelihood Methods," Adv. in Large Margin Classifiers, MIT Press, Cambridge, MA, 1999.	
C-D		SAHAMI et al. "A Bayesian Approach to Filtering Junk E-Mail," Amer. Assoc. for Art. Intell. Technical Report WS-98-05, 1998.	
C-D		COHEN, "Learning Rules that Classify E-Mail," AT&T Laboratories, 1996.	
C-D		LEWIS, "Evaluating and Optimizing Autonomous Text Classification Systems," ACM SIGIR, 1995.	
C-D		LEWIS et al., "Training Algorithms for Linear Text Classifiers," ACM SIGIR, 1996.	
C-D		APTE et al., "Automated Learning of Decision Rules for Text Categorization," ACM Transactions on Information Systems, Vol. 12, No. 3, 1994.	
C-D		LOSEE, JR., "Minimizing Information Overload: The Ranking of Electronic Messages," Journal of Information Science 15, 1989.	
C-D		JOACHIMES, "Text Categorization with Support Vector Machines: Learning with Many Relevant Features," Universitat Dortmund, Germany, 1998.	

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